

PIOB-01885

HIGH POWER CD PLAYER
WITH FM/MW/LW TUNER

PUISSANT LECTEUR DE CD
AVEC SYNTONISEUR FM/PO/GO

OWNER'S MANUAL MODE D'EMPLOI

Thank you for purchasing this PIONEER product. Before attempting operation, be sure to read this manual.

Grazie per aver acquistato questo prodotto PIONEER. Leggere attentamente queste istruzioni prima di usare questa unità.

Nous vous remercions d'avoir acheté cet appareil PIONEER. Avant de l'utiliser, prendre soin de lire ce manuel.

Vielen Dank für den Kauf dieses PIONEER Produkts. Diese Bedienungsanleitung vor der Inbetriebnahme sorgfältig durchlesen.

Dank U zeer voor de aanschaf van dit PIONEER-product. Lees deze gebruiksaanwijzing goed door, voordat het toestel in gebruik genomen wordt.

Muchas gracias por la adquisición de este producto PIONEER. Antes de tratar de operarlo, lea atentamente este manual.

Muito obrigado por comprar este produto PIONEER. Leia este manual de instruções completamente antes de usar a unidade.

Vi tackar dig för att du valt denna PIONEER-produkt. Läs först igenom denna bruksanvisning innan apparaten tas i bruk.

Takk for kjøpet av dette PIONEER-produktet. Les denne bruksanvisningen grundig før du tar apparatet i bruk.

Kiitos PIONEER-tuotteen hankinnasta. Ennen käyttöä pyydämme kuitenkin lukemaan huolellisesti tämän käsikirjan.



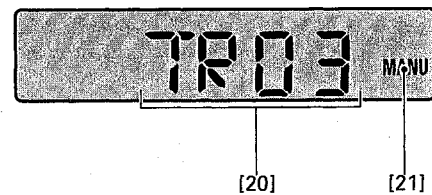
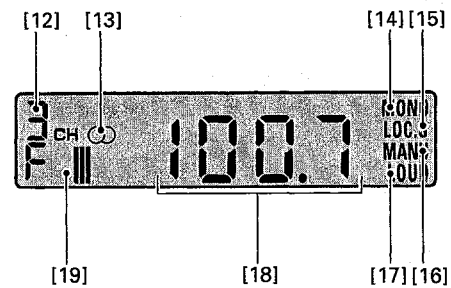
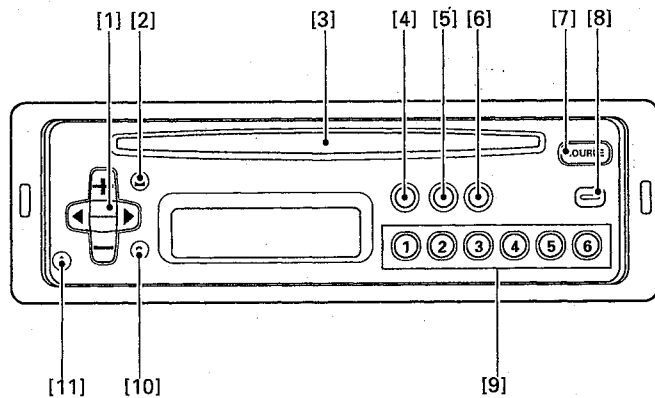
PIONEER
The Art of Entertainment

DEH-415

ENGLISH

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Precautions

Note:

- A "CLASS 1 LASER PRODUCT" label is affixed to the bottom of the player.



In case of trouble

When the unit does not operate properly, contact your dealer or the nearest authorized PIONEER Service Station.

Using the Removable Front Panel

Parts Identification

[11] Detach

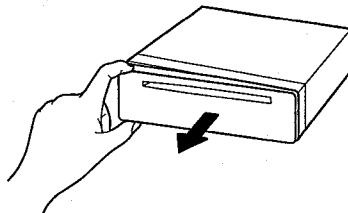
Function

The front panel of this unit can be removed as a theft deterrent.

Detaching the Front Panel

- Do not detach the front panel when loading or ejecting a disc.

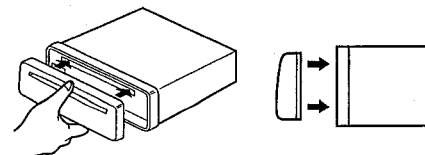
1. Press button [11].
2. Grasp the left side of the front panel and pull.



3. Put the front panel into the handy carrying case.

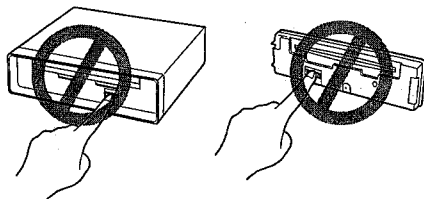
Attaching the Front Panel

- Do not press against the display and buttons.
1. Press the front panel against the main unit.
 - Makes sure that the front panel is parallel to the main unit.



Precautions

- Do not hold the display tightly.
- Do not subject the front panel to excessive shock.
- Do not place the front panel in high temperatures or direct sunlight.
- Do not use benzene, paint thinner, or other volatile fluids to clean the front panel.
- Do not disassemble the front panel.
- Do not touch the terminals on the front panel and unit. (If the terminals are dirty, use a clean dry cloth to clean.)



Changing the Source

Parts Identification

[7] Source

Changing the Source

Each time the button [7] is pressed, the source will change in the following sequence:

Built-in CD player → Tuner → OFF

- If there is no disc in the built-in CD player, the source will not change to "built-in CD player".

Adjusting the Audio

Parts Identification

[1] Volume/Audio adjustment

[10] Shift

[17] Loudness

Mode Selection

Each press of button [10] changes the mode as follows:

Volume adjustment (V) → Balance adjustment (F/B) → Tone adjustment (BS/TR) → Loudness adjustment (LOUD)

- When you're adjusting fader, balance, bass or treble, the indicator will stop at the center setting. About 8 seconds after adjustment, the display returns to its previous state.

Volume Adjustment

Pressing the (+) side of button [1] increases the volume, while the (-) side decreases it. (Display shows "V-00" ~ "V-30".)

- When driving your vehicle, be sure to keep the volume of the unit set low enough to allow you to hear sounds coming from outside.

Balance Adjustment

Press button [10] to select balance adjustment mode. ("F" appears on the display.) Adjust the fader using the (+) or (-) side of button [1]. To adjust the balance, press either the (◀) or (▶) side of button [1] to turn on B.

Fader

Press the (+) side of button [1] to raise the volume of the front speaker only. Press the (-) side of the button to raise the volume of the rear speaker only.

(Display shows "F-F9" ~ "F-R9".)

- Please set "F-0" when using 2 speaker system.

Balance

Pressing the (◀) side of button [1] shifts the balance to the left speaker, while the (▶) side shifts it to the right speaker.
(Display shows "B-L9" ~ "B-R9".)

Tone Adjustment

Press button [10] to select tone adjustment mode. ("BS" appears.) Select the tone you wish to adjust using the (◀) or (▶) side of button [1]. Each press of the (▶) side changes the tone from BS → TR, while each press of the (◀) side changes the tone from TR → BS.

Bass Adjustment

Select the Bass mode.

Pressing the (+) side of button [1] increases bass, while the (-) side decreases bass.

(Display shows "BS -6" ~ "BS 6".)

Treble Adjustment

Select Treble adjustment mode.

Pressing the (+) side of button [1] increases treble, while the (-) side decreases treble.

(Display shows "TR -6" ~ "TR 6".)

Loudness Adjustment

This "loudness" function enhances both the high and low ranges of sound to give even more power to output even at low volume.

Press button [10] to select loudness adjustment mode. (The "LOUD" indicator appears on the display.)

Pressing the (▶) side of button [1] turns the loudness function on (LOUD [17] light up), pressing the (◀) side turns it off.

Using the Tuner

Parts Identification

- [1] Tuning
 - Seek/Manual
 - Local Seek Sensitivity
- [4] Local mode
- [5] BSM/Preset Scan
- [6] FM Monaural
- [7] Source
- [8] Band
- [9] Preset
- [12] Preset Number
- [13] FM Stereo
- [14] FM Monaural
- [15] Local mode
- [16] Manual
- [18] Frequency
- [19] Band

Electronic Tuner

Frequency allocation differs depending upon the area. This unit has been designed in accordance with the frequency allocations for Western Europe, Asia, the Middle and Near East, Africa, Australia and Oceania. Use in other areas may result in improper reception of AM.

Listening to the Radio

1. Set the source to "tuner" by pressing button [7].
 - For details, refer to "Changing the Source" on page 5.
 2. Select the band by pressing button [8]. Each time the button is pressed, the band will change in the following sequence:
FI(FM1) → FII(FM2) → FIII(FM3) → M/L(MW/LW)
 - MW and LW are combined in one band.
 3. Use seek tuning or manual tuning to tune to a radio station.
- 3-1. Set the tuning mode to "seek" or "manual" by pressing the (◀) and (▶) sides of button [1] simultaneously. Repeat this operation to switch to the other tuning mode. (When the manual tuning mode is set, "MANU" [16] will be displayed.)

- 3-2. Tune by Press (◀) or (▶) of button [1]. (When there is a stereo broadcast, "◯" [13] will be displayed.)

Seek Tuning:

When the button is pressed, stations whose signal strength is above a certain level will be tuned automatically.

Manual Tuning:

When the button is pressed, the frequency will change by one step up or down.

Using the Preset Memory

The radio stations can be stored in memory under buttons 1 to 6 of [9].

1. Tune in to the station to be stored in memory.
2. Store the station in memory by pressing one of the buttons (1 to 6) for at least 2 seconds. When the [12] number stops blinking, the station will be stored in memory under the button pressed.
 - Up to 18 FM stations and 6 MW/LW stations can be stored in memory.

Preset Tuning

The radio stations stored in memory can be recalled by pressing the respective button 1 to 6 of [9]. The station stored under that button will be recalled. (The number of the button pressed will be displayed at [12].)

Using the Best Stations Memory (BSM)

The radio stations having a strong signal can be tuned automatically and stored in memory under buttons 1 to 6 [9]. Press button [5] for at least 2 seconds. (The "----" will blink.) After "----" stops blinking, the stations will be stored in memory under buttons 1 to 6 of [9].

- BSM can be canceled mid-operation by pressing button [5].
- The stations will be stored under buttons 1 to 6 in the order of their signal strength. The strongest station will be stored under button 1, followed by stations with lower signal strengths.
- If there are fewer than 6 stations whose signal is strong, there will be spare memory.
- It will take almost 30 seconds for BSM to be completed.

Preset Scan Tuning

This recalls in sequence all the stations stored in memory under the buttons [9] for 8 seconds each. Press button [5]. (The [12] number will blink.) To cancel, press the button again. After the desired station is tuned, cancel the preset scan tuning. The station will then continue to be received.

- Stations stored in memory under the buttons [9] but whose signal is weak will not be recalled.

Local Seek Tuning

When the local mode is set, the seek tuning's sensitivity level will become high and only stations with a strong signal will be seek tuned. The local mode's seek sensitivity can be adjusted.

Setting the Local Mode

Press button [4]. (The "LOC.S" [15] will light.) To cancel the local mode, press the button again.

Adjusting the Local Seek Sensitivity

There are 4 local seek sensitivity steps for FM and 2 steps for MW/LW.

- LOC-4 is the highest seek tuning sensitivity level. Only the stations with a strong signal are tuned. LOC-3, LOC-2, and LOC-1 in descending order enables the tuning of stations with a respectively weaker signal.

1. Set to local seek sensitivity adjustment mode. Press button [4] for at least 2 seconds. (The current sensitivity level "LOC2" will be displayed.)

- The local seek sensitivity adjustment mode will be canceled after about 5 seconds.

2. Adjust the sensitivity level by pressing (◀) or (▶) of button [1].

FM Monaural Reception

If a stereo broadcast has a lot of noise, switching to the monaural reception mode will reduce the noise. Press button [6].

("MONO" [14] will appear on the display.) To cancel, press the button again.

Playing Compact Discs

Parts Identification

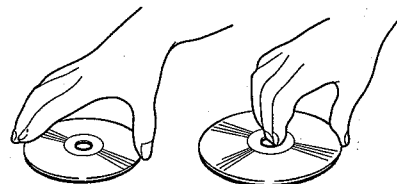
- [1] Track Number Search
Fast Forward and Reverse
- [2] Eject
- [3] Disc Insertion Slot
- [7] Source
- [9] ① Pause
② Repeat
③ Random play
- [20] Track number
- [21] Manual

Discs

- Only use compact discs (optical digital audio discs) bearing the mark shown below.

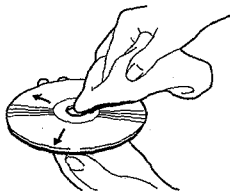


- Do not use cracked, scratched, or warped discs.
- Do not touch the disc's playing side. Handle the disc as shown below.



- Do not affix any label on the disc.
- Do not apply any vinyl record spray, anti-static agent, benzene, paint thinner, or any other volatile chemicals.

- Do not play a dirty disc. Use a soft cloth to clean a dirty disc as shown below. Wipe the disc outward from the center.



- Do not place the disc in high temperatures and direct sunlight.
- Be sure to store the disc in its case.

CD Playing Environment

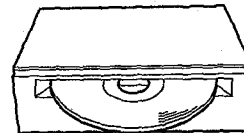
- Disc playback may be interrupted by sudden road shock.
- When the air temperature is low and the car heater is turned on, condensation on the disc and internal parts of the unit may prevent proper playback operation. If this happens, turn off the unit and wait one hour until the condensation is gone. Also, use a soft cloth to wipe off any condensation from the disc.

Listening to the CD Player

1. With the label side up, insert a disc into [3]. Playback will start. (The track number [20] will be displayed.)
 - Do not insert the disc with the label side down. Doing so may scratch the disc.
 - If the disc stops midway while it is being inserted or if there is no playback after a disc is inserted, something may be wrong with the disc. Eject the disc and check it.
2. Turn ON/OFF the disc playback. Press button [7] to change the source.
 - For details, refer to "Changing the Source".

3. Eject the disc by pressing button [2].

- Do not leave the disc halfway into the unit as shown below. Doing so may cause the disc to be bent or dropped.



Using Track Number Search, Fast Forward and Reverse

1. Set the mode to "track number search" or "fast forward and reverse". Press the (◀) and (▶) sides of button [1] simultaneously. Each time this is repeated, the mode will switch between the track number search mode and fast forward and reverse mode. (When the fast forward and reverse mode is set, "MANU" [21] will light. Playback time is then indicated in [20] on the display.)
2. Execute a track number search or fast forward and reverse by pressing (◀) and (▶) of button [1].
 - Playback sound can be heard during fast forward and reverse.

Pausing

The disc playback can be stopped temporarily by pressing ① of button [9]. (The "----" will be displayed.) To cancel the pause, press the button again.

Repeat

1. To repeat the music you are listening to, press button ② of [9] ("RPT" will appear on the display).
2. To cancel music repeat, press button ② of [9] to turn off "RPT".

Random Play

1. To play music randomly, press button ③ of [9] ("RDM" will appear on the display). Once the current track has been played, the microprocessor will randomly select the next and subsequent tracks.
2. To cancel random play, press button ③ of [9] to turn off "RDM".
 - *Since selections are played in random order, the same selection may be played twice in succession.*

Error Display

If there is a problem with CD playback, an error code will be displayed.

(Ex.: "E-10")

If an error is displayed, refer to the table below to identify the problem. If the error is displayed even after corrective action is taken, contact your dealer or the nearest authorized PIONEER Service Station.

D: Display

C: Cause

T: Treatment

D: E-11, 12, 14, 17, 30

C: The disc is dirty.

T: Clean the disc.

D: E-11, 12, 17, 30

C: The disc is scratched.

T: Replace the disc.

D: E-11, 14, 17

C: The disc is inserted with the label side down.

T: Insert the disc with the label side up.

D: E-14

C: An unrecorded CD-R is being used.

T: Check the disc.

D: Display

C: Cause

T: Treatment

D: E-10, 11, 12, 14, 17, 30, A0

C: Electrical or mechanical fault.

T: Turn off the car's ignition and turn it back on again. Or change the source to another one and then change it back to CD.

D: HHHH

C: The CD player's internal temperature is high.

T: Wait until the CD player's internal temperature goes down.

Additional Functions

Parts Identification

[10] Illumination

Switching Illumination Color

The illumination color can be set to amber or green.

Press button [10] for at least 2 seconds.

Repeat this operation to switch between amber and green.

Specifications

General

Power source.....	14.4 V DC (10.8 — 15.6 V allowable)
Grounding system	Negative type
Max. current consumption	6 A
Dimensions (chassis).....	178 (W) × 50 (H) × 150 (D) mm
(front face).....	188 (W) × 58 (H) × 20 (D) mm
Weight.....	1.5 kg

Amplifier

Max. power output.....	22 W × 4 (EIAJ)
Continuous power output.....	14 W × 4
	(DIN 45324, +B=14.4 V)
Load impedance.....	4Ω (4 — 8Ω allowable)
Preout output level/ output impedance.....	500 mV/1 kΩ
Tone controls (bass).....	±10 dB (100 Hz)
(treble).....	±10 dB (10 kHz)
Loudness contour.....	+10 dB (100 Hz), +7 dB (10 kHz)
	(volume: -30 dB)

CD player

System.....	Compact disc audio system
Usable discs.....	Compact disc
Signal format	Sampling frequency: 44.1 kHz
	Number of quantization bits: 16; linear
Frequency characteristics.....	5 — 20,000 Hz (±1 dB)
Signal-to-noise ratio	94 dB (1 kHz) (IEC-A network)
Dynamic range.....	90 dB (1 kHz)
Number of channels.....	2 (stereo)

FM tuner

Frequency range	87.5 — 108 MHz
Usable sensitivity.....	11 dBf (1.0μV/75Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity.....	16 dBf (1.7μV/75Ω, mono)
Signal-to-noise ratio.....	70 dB (IEC-A network)
Distortion	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response.....	30 — 15,000 Hz (±3 dB)
Stereo separation	40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range.....	531 — 1,602 kHz
Usable sensitivity.....	18μV (25 dB) (S/N: 20 dB)
Selectivity	50 dB (±9 kHz)

LW tuner

Frequency range	153 — 281 kHz
Usable sensitivity.....	30μV (30 dB) (S/N: 20 dB)
Selectivity	50 dB (±9 kHz)

Note:

Specifications and the design are subject to possible modification without notice due to improvements.

France: tapez 36 15 PIONEER

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